

## CLAIMS

1. Use of a composition containing
  - at least one organic or inorganic compound or substance
- 5 combination that releases chlorine or bromine in aqueous solution, as well as
  - optionally, a surface-active substance (tenside) or substance mixture, flavouring agents, adjuvants and
- 10 binders for the disinfection of dental objects such as toothbrushes, dentures or razors and the like contaminated by retro or herpes viruses, pseudomonas aeruginosa and/or candida or parts of the body that have been attacked by retro or herpes viruses, pseudomonas aeruginosa and/or candida.
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2. Use in accordance with Claim 1, characterized in that that the substance combination is a chloride or bromide salt compound and contains at least one suitable oxidizing agent for the in situ production of chlorine and/or
- 20 bromine during the dissolution of the composition in the aqueous solution.
3. Use in accordance with Claim 1 or Claim 2, characterized in that an acid is contained in the
- 25 composition.
4. Use in accordance with Claim 3, characterized in that the acid is contained in the composition in such a quantity that the composition dissolved in a determined
- 30 quantity of aqueous solution will produce a pH-value of less than 6, preferably less than 5.5. and even more preferably less than 5.0.
5. Use in accordance with Claim 2 or Claim 3 characterized in that the chlorine or bromine compound is available in
- 35 the form of an alkali or an alkaline earth metal salt.
6. Use in accordance with Claim 3 or Claim 4, characterized in that the oxidation potential in aqueous
- 40 solution of the oxidizing agent at least in the claimed pH-range is higher than the oxidation potential of  $\text{Cl}^1/\text{Cl}^0$ .
7. Use in accordance with Claim 1, characterized in that
- 45 the compound or substance combination that releases chlorine in an aqueous solution is chloramin B (N-chlorbenzenesulphonamido-sodium), chloramin T (p-toluenesulphonchloramin-sodium) dichloramin T (p-toluenesulphondichloramid), halazon (p-dichlorsulphamyl

benzoic acid), dichlorcyanic acid, trichlorcyanic acid, TCM (trichlormelamin), 1,3-dichlor-5,5-dimethylhydantoin, dichlorglycoluril, succinchlorimid or chloroazodin (N,N'-dichlorodiazodicarbonamidin) or a mixture of these substances.

8. Use in accordance with any one of Claims 1 to 7, characterized in that the composition is available in the form of a mixture of solid materials, especially a granulate or a tablet.

9. Use in accordance with any one of Claims 1 to 8, characterized in that the composition contains means for accelerating the dissolution (showering salts = effervescents), for example, a compound containing a carbonate or a bicarbonate such as sodium carbonate or sodium bicarbonate and at least a stoichiometric quantity of acid for the production of a pH-value of less than 7.

10. Use in accordance with any one of Claims 1 to 9, characterized in that a hydrogen peroxosulphate compound is contained as oxidizing agent.

11. Use in accordance with any one of Claims 1 to 10, characterized in that the composition contains at least potassium hydrogen monopersulphate ( $\text{KHSO}_5$ ) as oxidizing agent, a saline chlorine compound, cooking salt ( $\text{NaCl}$ ) for example, as chloride compound and a carbon acid, preferably a mono-, di- or tricarbon acid, such as tartaric or citric acid, for the production of an acid pH-value when the composition is dissolved.

12. Use in accordance with any one of Claims 1 to 11, characterized in that the composition contains a binder and optional flavouring and colouring substances and adjuvants such as materials for softening the water, fillers and the like, and is available in tablet or granular form.

13. Use in accordance with any one of Claims 1 to 12, characterized in that the composition contains at least one tenside (surface-active substance or substance mixture).

14. Use in accordance with any one of Claims 1 to 13, characterized in that the composition is available in the form of a effervescent tablet.

15. Use in accordance with any one of Claims 1 to 14, characterized in that the composition or the cleaning tablet has a homogeneous composition.

5 16. Use in accordance with any one of Claims 1 to 15, characterized in that the composition or the cleaning tablet is dissolved in an aqueous solution, preferably water, in the presence of the object or part of the body that is to be disinfected.

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17. Use of a composition containing

- at least one organic or inorganic compound or substance combination that releases chlorine or bromine in aqueous solution, as well as

15 - whenever appropriate, a surface-active substance (tenside) or substance mixture, flavouring materials, adjuvants and binders for the production of a pharmaceutically effective means for the treatment of parts of the body affected by or contaminated with retro  
20 or herpes viruses